PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Dinesh Kumar SOOD, et al. Attorney Docket Q65032

Appln. No.: Not Assigned Group Art Unit: Not Assigned

Confirmation No.: Not Assigned Examiner: Not Assigned

Filed: June 19, 2001

For: BI-STABLE MICROSWITCH INCLUDING MAGNETIC LATCH

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 1, after the title, insert the heading:

Background of the Invention

before the seventh paragraph beginning "With this in mind", insert the heading:

Summary of the Invention

Page 3, before the second full paragraph beginning with "The following", insert the heading:

Brief Description of the Drawings

before the last paragraph beginning with "Referring now" insert the heading:

Detailed Description of the Invention

IN THE CLAIMS:

Please enter the following amended claims:

4. (Amended)A bi-stable microswitch according to claim 2, wherein the second section of the armature is at least partially formed of invar.

5. (Amended)A bi-stable microswitch according to claim 1, and further including a first heating device formed on or proximate the armature.

6. (Amended)A bi-stable microswitch according to claim 5 and further including a second heating device formed on or proximate the magnetisable element.

7. (Amended)A bi-stable microswitch according to claim 6, wherein one or more of the first and second hearing devices includes an electrical resistance element.

8. (Amended)A bi-stable microswitch according to claim 1, wherein heat is applied to at least one of the armature and the magnetisable element by means of electromagnetic radiation.

10. (Amended)A bi-stable microswitch according to claim 1, wherein the magnetisable element is at least partially formed from a NiCu alloy, the composition of the alloy being adjusted to set the first temperature.

14. (Amended)A bi-stable microswitch according to claim 1, wherein the armature comprises a cantilever overhanging the pair of contacts.

REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

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Date: June 19, 2001

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Page 1, after the title, insert the heading:

Background of the Invention

before the seventh paragraph beginning "With this in mind", insert the heading:

Summary of the Invention

Page 3, before the second full paragraph beginning with "The following", insert the heading:

Brief Description of the Drawings

before the last paragraph beginning with "Referring now" insert the heading:

Detailed Description of the Invention

IN THE CLAIMS:

The claims are amended as follows:

4. (Amended)A bi-stable microswitch according to ~~either one of claims 2 or 3~~claim 2, wherein the second section of the armature is at least partially formed of invar.

5. (Amended)A bi-stable microswitch according to ~~any one of the preceding claims~~claim 1, and further including a first heating device formed on or proximate the armature.

6. (Amended)A bi-stable microswitch according to ~~any one of the preceding claims~~claim 5 and further including a second heating device formed on or proximate the magnetisable element.

7. (Amended)A bi-stable microswitch according to ~~either one of claims 5 or 6~~claim 6, wherein one or more of the first and second hearing devices includes an electrical resistance element.

8. (Amended)A bi-stable microswitch according to ~~any one of claims 1 to 14~~claim 1, wherein heat is applied to at least one of the armature and the magnetisable element by means of electromagnetic radiation.

10. (Amended)A bi-stable microswitch according to ~~any one of the preceding claims~~claim 1, wherein the magnetisable element is at least partially formed from a NiCu alloy, the composition of the alloy being adjusted to set the first temperature.

14. (Amended)A bi-stable microswitch according to ~~any one of the preceding claims~~claim 1, wherein the armature comprises a cantilever overhanging the pair of contacts.